

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED OIL & GAS SUB REPORT abd

\* Location Abandoned - well never drilled - 3-19-82

DATE FILED 6-26-81

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-020252

INDIAN

DRILLING APPROVED 7-16-81

SPUDDED IN:

COMPLETED

PUT TO PRODUCING.

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES

TOTAL DEPTH:

WELL ELEVATION:

5218' 6R

DATE ABANDONED:

LA 3-19-82 4-07-82

FIELD

Monument Butte 3/86

UNIT:

Allen Federal

COUNTY:

Duchesne

WELL NO.

Allen Federal 13-5

API# 43-013-30580

LOCATION

1965'

FT. FROM ☒ (S) LINE.

684'

FT. FROM ☒ (W) LINE.

NW SW

1/4 - 1.4 SEC 5

TWP.	RGE	SEC	OPERATOR	TWP.	RGE	SEC	OPERATOR
9S	17E	5	DIAMOND SHAMROCK CORP.				

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1A. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## B. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

DIAMOND SHAMROCK CORPORATION.

## 3. ADDRESS OF OPERATOR

Drawer E, Vernal, UT 84078 801-789-5270

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1965' FSL 684' FWL Section 5, T9S, R17E, S.L.B. &amp; M.

At proposed prod. zone

same

NWSW

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

13 miles Southwest of Myton, UT

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest Grig. unit line, if any)

684'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

+ 2800'

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5218'

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24# K-55	250'	Circulate to surface
7 7/8"	5 1/2"	15.5# K-55	T.D. 5350'	300 sacks

Drill 12 1/2" hole to approximately 250' set 8 5/8" casing, set up BOP  
as required and pressure test. Drill 7 7/8" hole to approximately  
5350' if production is found feasible set 5 1/2" production casing.

JUN 25

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE

BY:

7/16/81

B. Feight

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

24.

SIGNED

Bill Elliott

TITLE

District Superintendent

DATE

June 22, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

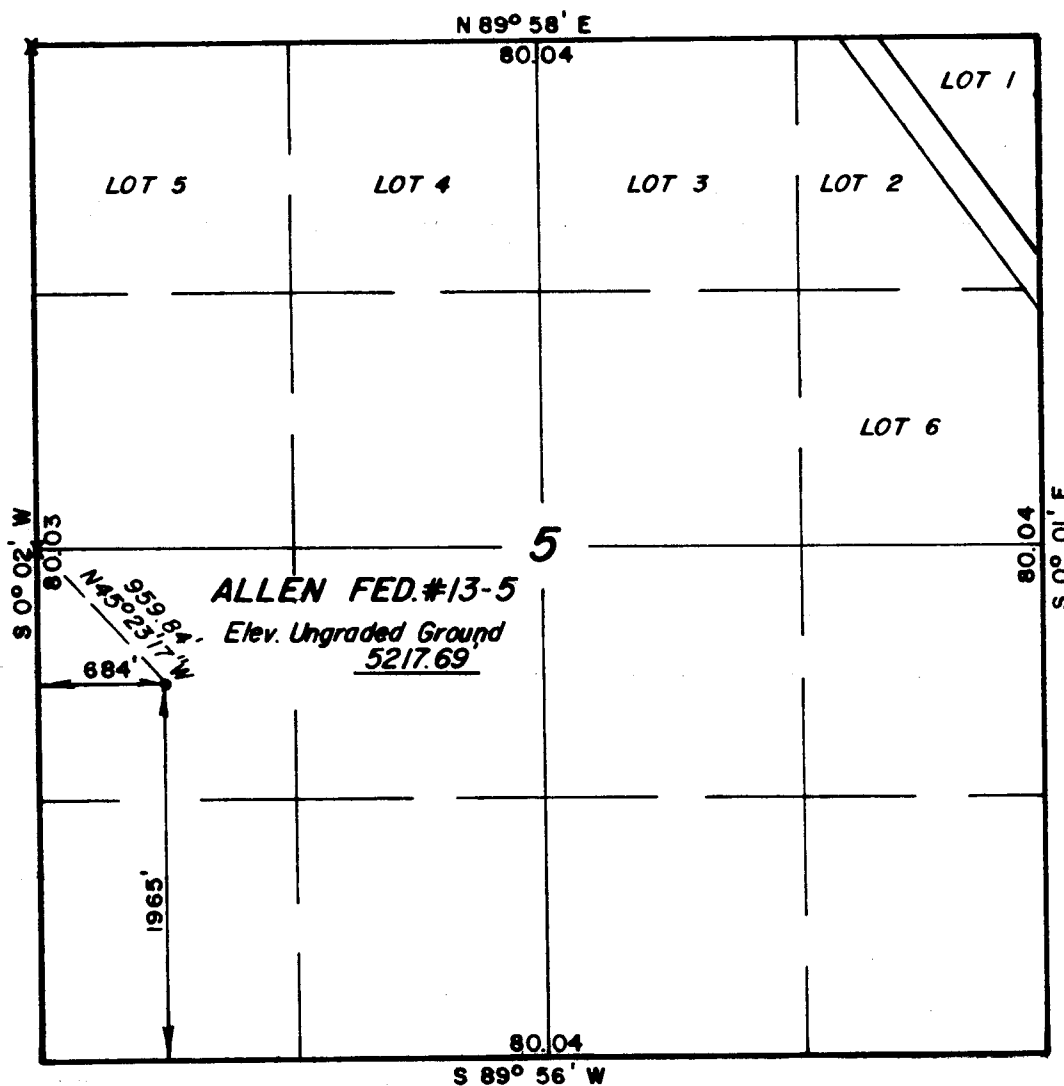
DATE

CONDITIONS OF APPROVAL, IF ANY:

**T 9 S, R 17 E, S.L.B. & M.**

PROJECT  
**DIAMOND SHAMROCK CORP.**

Well location, **ALLEN FEDERAL # 13-5**,  
located as shown in the NW 1/4 SW 1/4,  
Section 5, T9S, R17E, S.L.B. & M., Duchesne  
County, Utah.



X = Section Corner Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF

*Lane Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3164  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/17/81
PARTY GS TJ BJ DC	REFERENCES GLO Plat
WEATHER Clear - Warm	FILE DIAMOND SHAMROCK CORP.

Identification CER/EA No. 519-81

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Diamond Shamrock Corp.  
Project Type Oil Well - Development  
Project Location 1965' FSL 684' FWL Section 5, T. 9S, R. 17E  
Well No. 13-5 Lease No. U-020252  
Date Project Submitted June 23, 1981

FIELD INSPECTION Date July 22, 1981

Field Inspection  
Participants Craig Hansen USGS, Vernal  
Gary Slagel BLM, Vernal  
Bill Elliot Diamond Shamrock

Related Environmental Documents:

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

7-28-81

Date Prepared

Craig M. Hansen  
Environmental Scientist

I concur

JUL 29 1981

Date

E. W. Gynn  
District Supervisor

FOR

E. W. GYNN  
DISTRICT ENGINEER

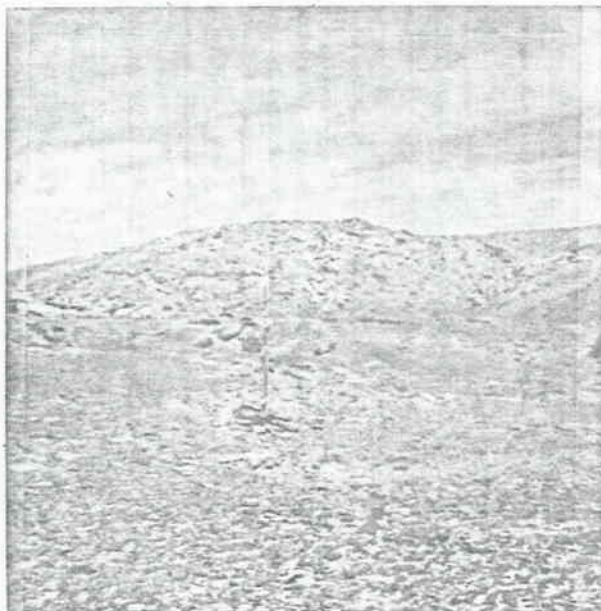
Typing In 7-27-81 Typing Out 7-28-81

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
516 DM 2.3.A									
Public health and safety	Bm. 7-28-81						L	7-22-81 2,4,6	
Unique characteristics	-						2	2,4,6	(
Environmentally controversial	/						2	2,4,6	
Uncertain and unknown risks	/					2	2	2,4,6	
Establishes precedents							2	2,4,6	
Cumulatively significant							2	2,4,6	
National Register historic places	/								(
Endangered/threatened species	/								
Violate Federal, State, local, tribal law	/								

# CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement



*Diamond Shamrock*

*#135*

*north*

RECOMMENDED STIPULATIONS FOR DIAMOND SHAMROCK #13-5

1. Berm around location to reduce erosion to location.
2. Production facilities will be painted a color to blend in with the natural surroundings.
3. Flowlines will follow existing access road to main transmission lines.
4. Reroute north drainage around edge of location to reduce erosion to location.



# United States Department of the Interior

IN REPLY REFER TO

T & R  
U-801

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

July 23, 1981

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

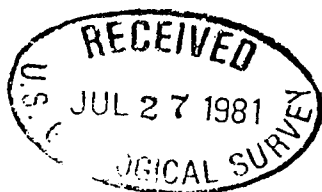
Re: Diamond Shamrock Corporation  
Joint Onsite Inspection  
T9S, R17E, Section 5  
Wells 13-5, 22-5  
T9S, R17E, Section 6  
Wells 12-6, 21-6, 43-6

Dear Mr. Guynn:

On July 22, 1981, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Diamond Shamrock, Casada Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.

Continued . . . .





7. All permanent (on site for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone, or an approved equal. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
8. Well #12-6, the access road will begin at the junction of the Diamond Shanrock location #23-6.
9. For well #34-6, the location will be moved 50' to the west to stay out of the drainage on the east side of the location.
10. The access road for well #43-6 will be changed as discussed at the joint onsite.

An archaeological clearance has been conducted by Archaeological - Environmental Research Corporation of the proposed drill site and access road. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna and their habitats.

Sincerely,

*Timothy P. O'Brien*  
Ralph J. Heft  
*Acting* Area Manager  
Diamond Mountain Resource Area

cc: USGS, Vernal  
Salt Lake

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&amp;G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-020252OPERATOR: Diamond Shamrock Corp.WELL NO. 13-5LOCATION: 1/4 NW 1/4 SW 1/4 sec. 5, T. 9S., R. 17E., SLBEMDuchesne County, Utah

## 1. Stratigraphy:

Uintah - surface

Green River ~ 1130'

Douglas Creek ~ 4700'

TD 5350'

## 2. Fresh Water:

Fresh to usable H<sub>2</sub>O possible in sandstones of Uintah and Green River

## 3. Leasable Minerals:

Oil shale in Green River, mahogany bed at approx. 2800'

operator anticipates gas @ 2600' and oil &amp; gas @ 5300'

4. Additional Logs Needed: Adequate - log. to top of Green River for oil shale

5. Potential Geologic Hazards: None expected

## 6. References and Remarks:

USGS files

" maps Gm-171, MF-797

Signature: James A. HuntDate: 7 - 17 - 81

ALLEN FEDERAL #13-5

1. GEOLOGICAL NAME OF SURFACE FORMATION

- (A) Uinta Formation of Eocene Age

2. TOPS OF IMPORTANT GEOLOGICAL MARKERS

- (A) Mahogany Formation 1457' Base 3075'  
Douglas Creek V 4801'  
Douglas Creek IV 4959'  
Douglas Creek III 5079'  
Douglas Creek II 5103'  
Douglas Creek I 5121'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL OR GAS

- (A) Gas anticipated at 2600' in Evacuation Creek Member  
(Water or Oil not anticipated)
- (B) Oil & Gas anticipated in Basal Green River Formation (Douglas Creek at 5300')

4. PROPOSED CASING PROGRAM

- (A) 250' of 8 5/8" surface casing 32# per foot  
5350' of 5 1/2" 15.5# per foot (K-55)

5. SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

- (A) 12 inch 3000# Double Hydraulic B.O.P. with Pipe Rams and Blind Rams and Spherical BOP.
- (B) B.O.P. to be pressure tested before spudding and daily testing of closing units and rams while drilling.

6. PROPOSED CIRCULATING MEDIUM

- (A) Brine water is proposed to be used unless additional weight is needed to control pressures or heaving shale. In this event a chemical-gel fresh water mud will be used and Barite as needed to control pressure.

7. AUXILIARY EQUIPMENT TO BE USED

- (A) Upper Kelly Cock
- (B) Float At Bit
- (C) Floor T.I.W. Valve (stabbing valve) for drill pipe
- (D) Gas Detector Logging Unit

8. TESTING LOGGING AND CORRELATION PROGRAM

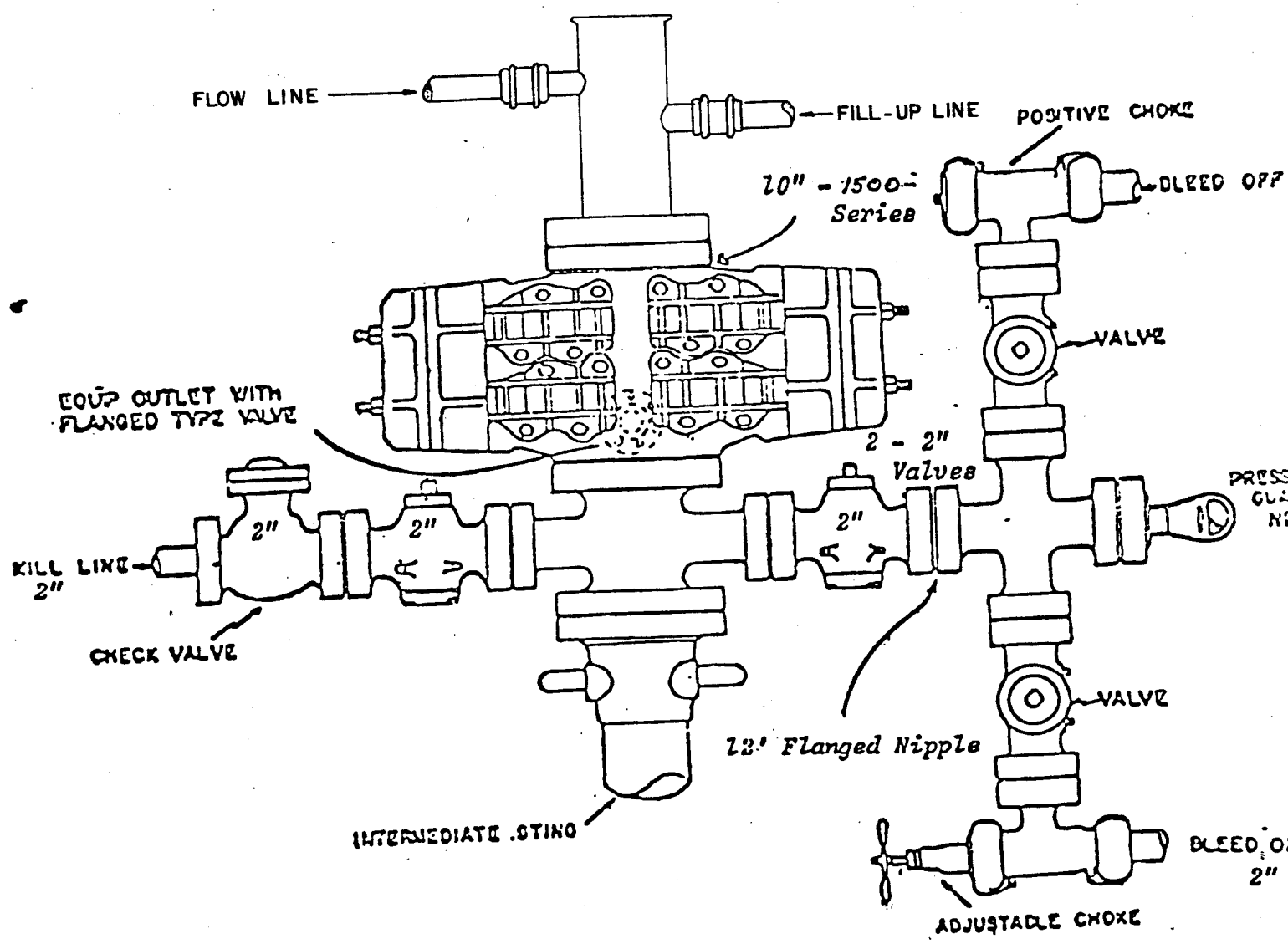
- (A) Drill stem test of Evacuation Creek and Douglas Creek
- (B) Will run dual lateral log, BHC, and CNL-FDC.

9. ANTICIPATED ABNORMAL PRESSURES, TEMPERATURES OF HAZARDS

- (A) No abnormal pressures expected
- (B) No Hydrogen Sulfide Gas expected

10. STARTING DATE AND DURATION OF OPERATIONS

- (A) Anticipated starting date as soon as approvals are made.
- (B) This well is anticipated to be drilled in approximately 30 days.



NOTE: BLOWOUT PREVENTER HAS DOUBLE RAMS;  
ONE BLIND AND ONE PIPE RAM.

Diag. A

DIAMOND SHAMROCK CORPORATION

13 Point Surface Use Plan

Well Location

Allen Federal #13-5

Located In

Section 5, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

DIAMOND SHAMROCK CORPORATION  
Allen Federal #13-5  
Section 5, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach DIAMOND SHAMROCK CORPORATION, well location site Allen Federal #13-5, located in the NW 1/4 SW 1/4 Section 5, T9S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Vernal, Utah along U.S Highway 40 - 49.0 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 10.0 miles to its junction with and existing dirt road to the Southwest proceed Southwesterly along this road 0.6 miles to its junction with the proposed location site.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned road leaves the existing road described in Item #1 in the SW 1/4 SE 1/4 Section 5, T9S, R17E, S.L.B. & M., and proceeds in a Southwesterly direction approximately 0.7 miles to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There may be one culvert required along this access road, it will be placed according to specifications for culvert placement found in the Oil and Gas Surface Operations Manual.

There will be no turnouts required along this road.

There are no fences encountered along this access road therefore there are no gates or cattleguards required.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

### 3. LOCATION OF EXISTING WELLS

There are no known producing wells within a one mile radius of this location site. (See Topographic Map "B")

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing well in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 14.9 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.



6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

DIAMOND SHAMROCK CORPORATION  
Allen Federal #13-5  
Section 5, T9S, R17E, S.L.B. & M.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall will be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 14 miles to the Southeast of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

DIAMOND SHAMROCK CORPORATION  
Allen Federal #13-5  
Section 5, T9S, R17E, S.L.B. & M.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Allen Federal #13-5. is located approximately 1000' South of Castle Peak Draw a non-perennial drainage which runs to the North & East.

The terrain in the vicinity of the location slopes from the Northwest through the location site to the Southeast at approximately a 2.4% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Elliot  
DIAMOND SHAMROCK CORPORATION  
85 South 200 East  
Vernal, UT 84078

1-801-789-5270

DIAMOND SHAMROCK CORPORATION  
Allen Federal #13-5  
Section 5, T9S, R17E, S.L.B. & M.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by DIAMOND SHAMROCK CORPORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

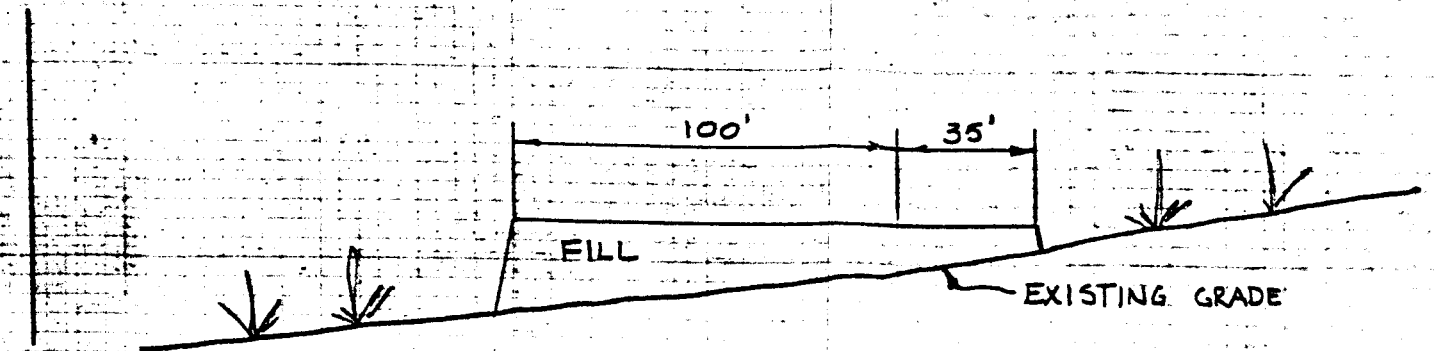
June 22, 1981  
Date

Bill Elliott  
Bill Elliot

# DIAMOND SHAMROCK CORP.

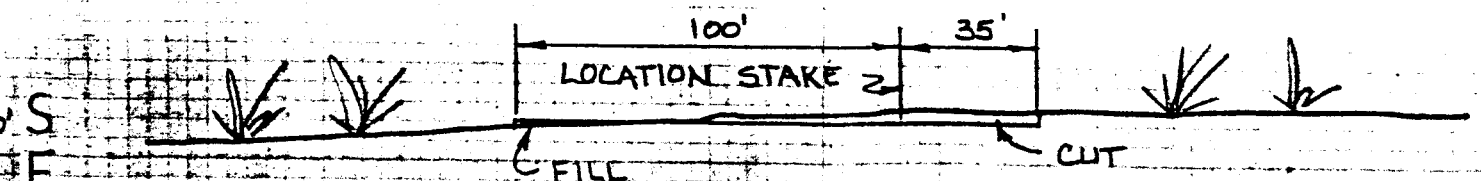
ALLEN FEDERAL #13-5

SCALE: 1" = 50'



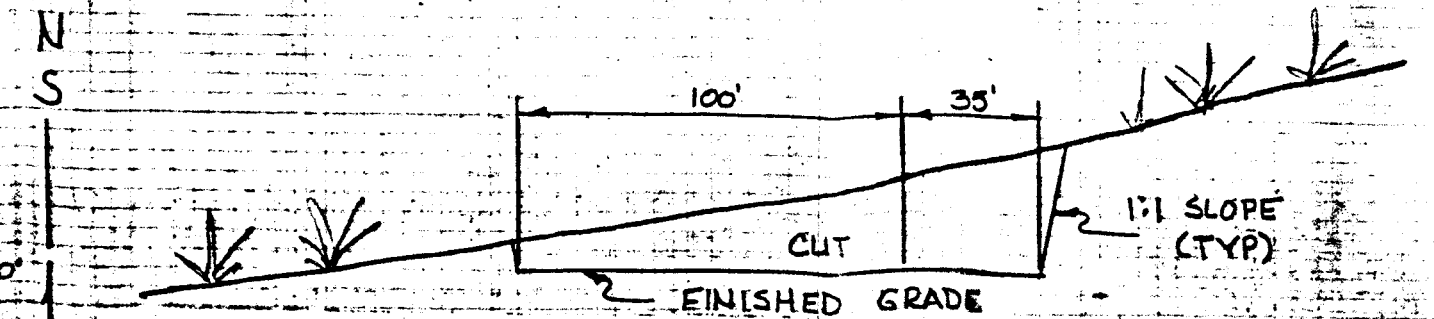
STA. 0+00

CROSS SECTION



STA. 1+50

CROSS SECTION



STA. 3+00

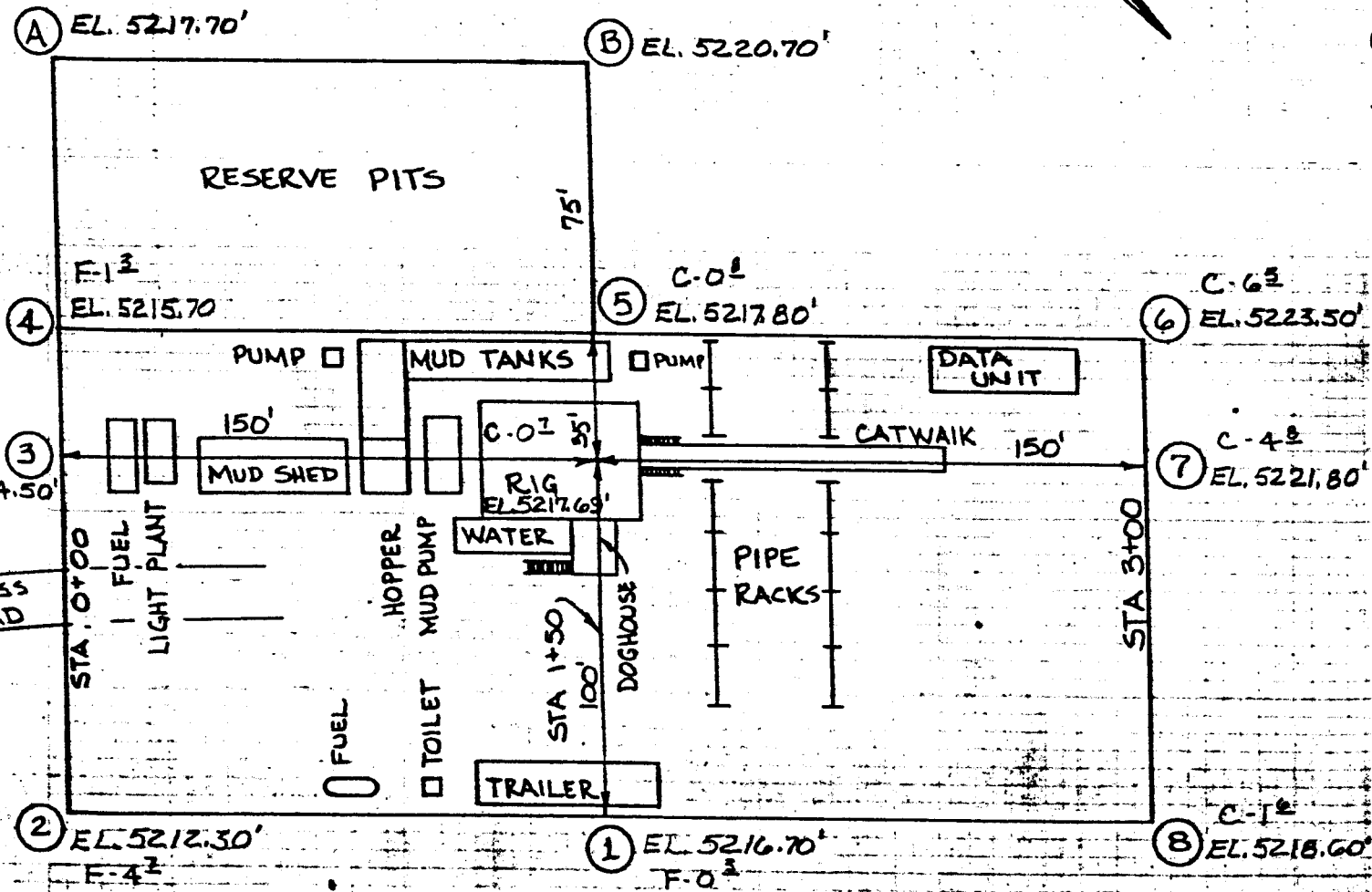
SCALES

1" = 50'

APPROX. YARDAGE

CUT - 1600.83 Cu. Yds.

FILL - 15.83 Cu. Yds.



SOILS LITHOLOGY  
- NO SCALE -

LIGHT BROWN  
SANDY CLAY

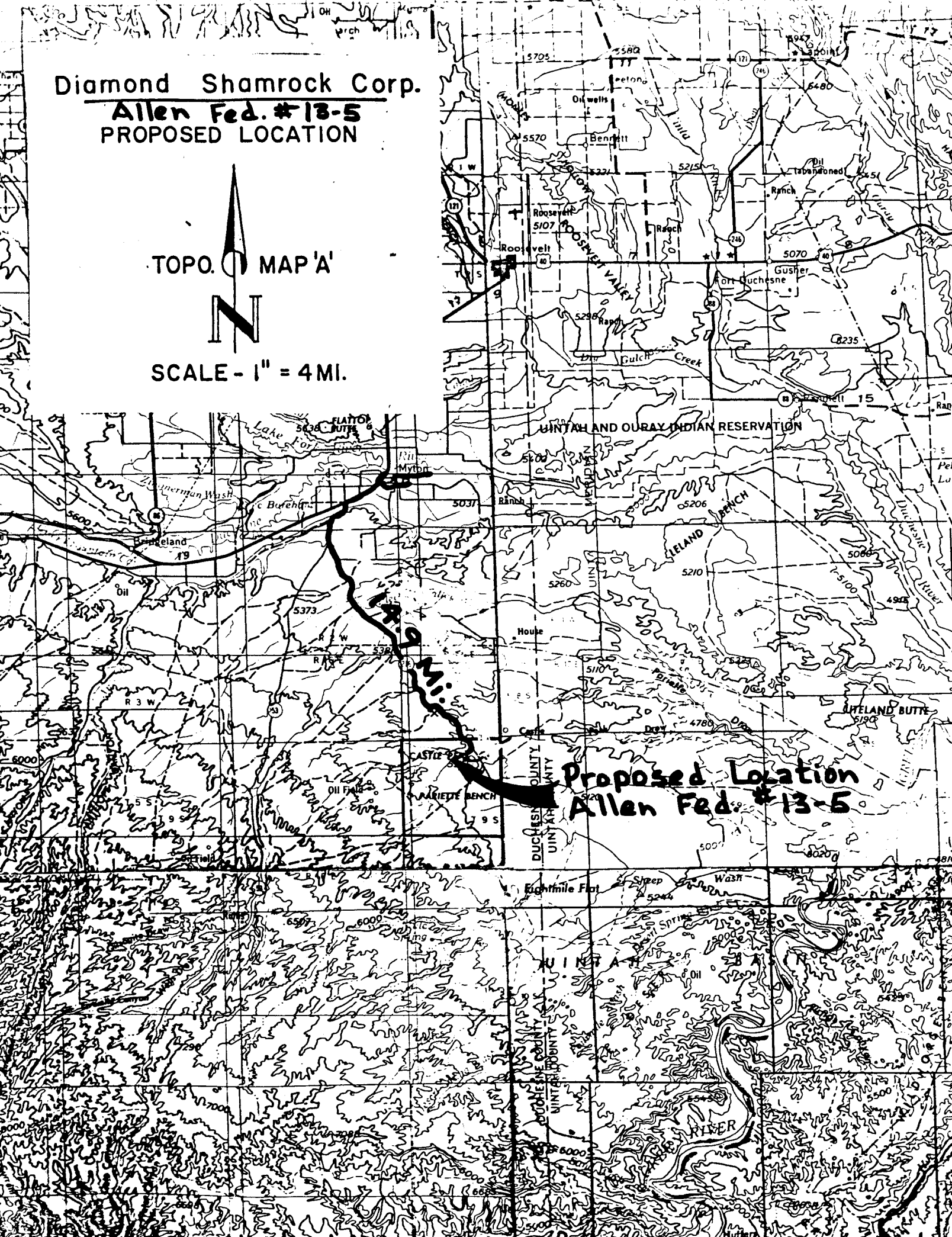
TOPSOIL  
STOCK PILE

Diamond Shamrock Corp.  
**Allen Fed. #13-5**  
PROPOSED LOCATION



TOPO. MAP 'A'

SCALE - 1" = 4 MI.



\*\* FILE NOTATIONS \*\*

DATE: July 8, 1981

OPERATOR: Diamond Shamrock Corp

WELL NO: Allen Federal #13-5

Location: Sec. 5 T. 9S R. 17E County: Duchene

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-013-30580

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Director: OK - provided as soon as gas well is  
drilled in area - other well may be completed as  
a gas well in sect 5 w/o trouble & heavy before Road.

Administrative Aide: OK as per Rule C-3, as on boundaries,  
can be completed as an oil well only. as per  
call with Bill Elliot & Jack this well approved as oil well  
only.

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site ☐

Lease Designation Fed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

July 17, 1981

Diamond Shamrock Corp.  
85 South 200 East  
Vernal, Utah 84078

RE: Well No. Allen Federal #13-5,                      eon  
      Sec. 6, T. 9S, R. 17E  
      Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30580.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight  
Director

CBF/db  
CC: USGS



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☒OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

DIAMOND SHAMROCK CORPORATION

## 3. ADDRESS OF OPERATOR

Drawer E, Vernal, UT 84078 801-789-5270

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1965' FSL 684' FWL Section 5, T9S, R17E, S.L.B. &amp; 4

At proposed prod. zone

same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

13 miles Southwest of Myton, UT

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

684'

## 16. NO. OF ACRES IN LEASE

640

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

+ 2800'

## 19. PROPOSED DEPTH

5350'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5218'

## 22. APPROX. DATE WORK WILL START\*

A.S.A.P.

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12½"	8 5/8"	24# K-55	250'	Circulate to surface
7 7/8"	5½"	15.5# K-55	T.D. 5350'	300 sacks NOT ENOUGH NEED TO PROTECT OIL SHALE AND FRESH WATERS

Drill 12½" hole to approximately 250' set 8 5/8" casing, set up BOP as required and pressure test. Drill 7 7/8" hole to approximately 5350' if production is found feasible set 5½" production casing.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Bill Elliott

TITLE

District Superintendent

DATE

June 22, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

W. W. Martin

TITLE

FOR E. W. GUYNN

DISTRICT OIL &amp; GAS SUPERVISOR

DATE

SEP 14 1981

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

NOTICE OF APPROVAL

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

\*See Instructions On Reverse Side

State Rd D



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 16, 1982

Diamond Shamrock Corporation  
85 South 200 East  
Vernal, Utah 84078

Re: Well No. Allen Federal #13-5  
Sec. 5, T. 9S, R. 17E.  
Duchesne County, Utah

Well No. Allen Federal #22-5  
Sec. 5, T. 9S, R. 17E.  
Duchesne County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

2 A

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-020252
2. NAME OF OPERATOR Diamond Shamrock Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 5730 West Yellowstone Hwy. Casper, Wyo. 82604		7. UNIT AGREEMENT NAME Allen Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1965' FSL, 684' FWL NW/SW		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. 13-5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5218' GR		10. FIELD AND POOL, OR WILDCAT Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T9S, R17E, S.L.B.&M.
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Diamond Shamrock Corporation would like to serve notification  
on the above listed location to cancel the approved Application  
Permit to Drill.

This location has been surveyed only; no dirt work has been done.

**RECEIVED**  
MAR 22 1982

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*Mrs. Childers*

TITLE Dist. Drlg. Supt.

DATE 3-19-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3634

April 7, 1982

Diamond Shamrock Corporation  
5730 West Yellowstone  
Casper, Wyoming 82604

Re: Rescind Applications for Permit  
to Drill  
Well Nos. 13-5 & 22-5  
Section 5-T98-R17E  
Duchesne County, Utah  
Lease No. U-020252

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved September 14 and September 15, 1981. We are rescinding the approval of referenced applications, without prejudice, as per your Sundry Notices dated March 18, 1982.

If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

If you have any questions, please feel free to contact this office.

Sincerely,

E. W. Gryan  
District Oil & Gas Supervisor

bcc: SEA  
State O&G ✓  
State BLM  
MMS-Vernal  
Well File  
APD Control

DH/dh

RECEIVED  
APR 08 1982

DIVISION OF  
OIL, GAS & MINING